

```
<!--StartFragment-->RESULT 3
US-10-497-516-1
; Sequence 1, Application US/10497516
; Publication No. US20050123532A1
; GENERAL INFORMATION:
; APPLICANT: MITSUBISHI PHARMA CORPORATION
; TITLE OF INVENTION: Methods of activating proteins
; FILE REFERENCE: 02046W00
; CURRENT APPLICATION NUMBER: US/10/497,516
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: JP P2001-370541
; PRIOR FILING DATE: 2001-12-04
; NUMBER OF SEQ ID NOS: 8
; SEQ ID NO 1
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Inventor: Kouno, Takaharu; Katsumura Yasuhiro
US-10-497-516-1
```

```

Query Match          100.0%;  Score 57;  DB 5;  Length 9;
Best Local Similarity 100.0%;  Fred. No. 3.6e+06;
Matches 9;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;
y      1 ISSCGFYWN 9
|||:|||||:|
b      1 ISSCGFYWN 9

```

```
<!--EndFragment-->
```

<!--StartFragment-->RESULT 3  
US-10-497-516-2  
; Sequence 2, Application US/10497516  
; Publication No. US20050123532A1  
; GENERAL INFORMATION:  
; APPLICANT: MITSUBISHI PHARMA CORPORATION  
; TITLE OF INVENTION: Methods of activating proteins  
; FILE REFERENCE: 02046W00  
; CURRENT APPLICATION NUMBER: US/10/497,516  
; CURRENT FILING DATE: 2004-06-03  
; PRIOR APPLICATION NUMBER: JP P2001-370541  
; PRIOR FILING DATE: 2001-12-04  
; NUMBER OF SEQ ID NOS: 8  
; SEQ ID NO 2  
; LENGTH: 12  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-497-516-2  
  
Query Match 100.0%; Score 68; DB 5; Length 12;  
Best Local Similarity 100.0%; Pred. No. 0.0021;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 IGYIYYSGSTYY 12  
|||  
Db 1 IGYIYYSGSTYY 12  
  
<!--EndFragment-->

```
<!--StartFragment-->RESULT 8
US-10-497-516-7
; Sequence 7, Application US/10497516
; Publication No. US20050123532A1
; GENERAL INFORMATION:
; APPLICANT: MITSUBISHI PHARMA CORPORATION
; TITLE OF INVENTION: Methods of activating proteins
; FILE REFERENCE: 02046W00
; CURRENT APPLICATION NUMBER: US/10/497,516
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: JP P2001-370541
; PRIOR FILING DATE: 2001-12-04
; NUMBER OF SEQ ID NOS: 8
; SEQ ID NO 7
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-497-516-7

Query Match          100.0%;  Score 46;  DB 5;  Length 119;
Best Local Similarity 100.0%;  Pred. No. 0.31;
Matches      9;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

Qy      1 STRLRGADY 9
        |||||||||
Db      100 STRLRGADY 108
<!--EndFragment-->
```

<!--StartFragment-->RESULT 8  
US-10-497-516-8  
; Sequence 8, Application US/10497516  
; Publication No. US20050123532A1  
; GENERAL INFORMATION:  
; APPLICANT: MITSUBISHI PHARMA CORPORATION  
; TITLE OF INVENTION: Methods of activating proteins  
; FILE REFERENCE: 02046W00  
; CURRENT APPLICATION NUMBER: US/10/497,516  
; CURRENT FILING DATE: 2004-06-03  
; PRIOR APPLICATION NUMBER: JP P2001-370541  
; PRIOR FILING DATE: 2001-12-04  
; NUMBER OF SEQ ID NOS: 8  
; SEQ ID NO 8  
; LENGTH: 114  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-497-516-8  
  
Query Match 100.0%; Score 84; DB 5; Length 114;  
Best Local Similarity 100.0%; Pred. No. 4.7e-05;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 KSSQSVLYNSNNKKYLA 17  
|||:||||:||||:||||:  
Db 24 KSSQSVLYNSNNKKYLA 40  
  
<!--EndFragment-->

<!--StartFragment-->RESULT 26  
US-10-497-516-5  
; Sequence 5, Application US/10497516  
; Publication No. US20050123532A1  
; GENERAL INFORMATION:  
; APPLICANT: MITSUBISHI PHARMA CORPORATION  
; TITLE OF INVENTION: Methods of activating proteins  
; FILE REFERENCE: 02046W00  
; CURRENT APPLICATION NUMBER: US/10/497,516  
; CURRENT FILING DATE: 2004-06-03  
; PRIOR APPLICATION NUMBER: JP P2001-370541  
; PRIOR FILING DATE: 2001-12-04  
; NUMBER OF SEQ ID NOS: 8  
; SEQ ID NO 5  
; LENGTH: 7  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-497-516-5  
  
Query Match 100.0%; Score 38; DB 5; Length 7;  
Best Local Similarity 100.0%; Pred. No. 3.6e+06;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 WASTRES 7  
|||  
Db 1 WASTRES 7  
  
<!--EndFragment-->

```
<!--StartFragment-->RESULT 4
US-10-497-516-6
; Sequence 6, Application US/10497516
; Publication No. US20050123532A1
; GENERAL INFORMATION:
; APPLICANT: MITSUBISHI PHARMA CORPORATION
; TITLE OF INVENTION: Methods of activating proteins
; FILE REFERENCE: 02046W00
; CURRENT APPLICATION NUMBER: US/10/497,516
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: JP P2001-370541
; PRIOR FILING DATE: 2001-12-04
; NUMBER OF SEQ ID NOS: 8
; SEQ ID NO 6
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-497-516-6

Query Match          100.0%;  Score 56;  DB 5;  Length 9;
Best Local Similarity 100.0%;  Pred. No. 3.6e+06;
Matches      9;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

Qy      1 QQYYSTPWT 9
        |||||||||
Db      1 QQYYSTPWT 9

<!--EndFragment-->
```

<!--StartFragment-->RESULT 3  
US-10-497-516-7  
; Sequence 7, Application US/10497516  
; Publication No. US20050123532A1  
; GENERAL INFORMATION:  
; APPLICANT: MITSUBISHI PHARMA CORPORATION  
; TITLE OF INVENTION: Methods of activating proteins  
; FILE REFERENCE: 02046W00  
; CURRENT APPLICATION NUMBER: US/10/497,516  
; CURRENT FILING DATE: 2004-06-03  
; PRIOR APPLICATION NUMBER: JP P2001-370541  
; PRIOR FILING DATE: 2001-12-04  
; NUMBER OF SEQ ID NOS: 8  
; SEQ ID NO 7  
; LENGTH: 119  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-497-516-7

Query Match 100.0%; Score 631; DB 5; Length 119;  
Best Local Similarity 100.0%; Pred. No. 4.4e-47;  
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 QVQLQESGPGLVKPSQTLSTCTVSGGSISSCGFYWNWIRQHPGKLEWIGYIYYSGSTY 60  
||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
Db 1 QVQLQESGPGLVKPSQTLSTCTVSGGSISSCGFYWNWIRQHPGKLEWIGYIYYSGSTY 60

Qy 61 YNPSLKSRTVTISLDTSKSQFSLKLSLTAAADTAVYYCARSTRRLRGADYWGQGTMVTVSS 119  
||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
Db 61 YNPSLKSRTVTISLDTSKSQFSLKLSLTAAADTAVYYCARSTRRLRGADYWGQGTMVTVSS 119

<!--EndFragment-->

<!--StartFragment-->RESULT 3  
US-10-497-516-8  
; Sequence 8, Application US/10497516  
; Publication No. US20050123532A1  
; GENERAL INFORMATION:  
; APPLICANT: MITSUBISHI PHARMA CORPORATION  
; TITLE OF INVENTION: Methods of activating proteins  
; FILE REFERENCE: 02046W00  
; CURRENT APPLICATION NUMBER: US/10/497,516  
; CURRENT FILING DATE: 2004-06-03  
; PRIOR APPLICATION NUMBER: JP P2001-370541  
; PRIOR FILING DATE: 2001-12-04  
; NUMBER OF SEQ ID NOS: 8  
; SEQ ID NO 8  
; LENGTH: 114  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-497-516-8

Query Match 100.0%; Score 603; DB 5; Length 114;  
Best Local Similarity 100.0%; Pred. No. 9.8e-47;  
Matches 114; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DIVMTQSPDSLAVSLGERATINCKSSQSVLYNSNNKYLAWYQQKPGQPPKLLIYWASTR 60  
|||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:  
Db 1 DIVMTQSPDSLAVSLGERATINCKSSQSVLYNSNNKYLAWYQQKPGQPPKLLIYWASTR 60

Qy 61 ESGVPDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYYSTPWTFGQGKVEIKR 114  
|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:  
Db 61 ESGVPDRFSGSGSGTDFTLTISSLQAEDVAVYYCQQYYSTPWTFGQGKVEIKR 114

<!--EndFragment-->